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partly through scattered farms and partly through woodland. The land where cleared and neglected is covered with a dense growth of *Pteris aquilina* and *Epilobium spicatum.*

From Rivière du Loup I drove to Cacouna, a distance of four miles down the St. Lawrence. The beach at Cacouna is rocky in some places, and at others sandy. On the sand *Cakile Americana*, *Lathyrus maritimus*, *Mertensia maritima* and *Arenaria peploides*, were collected. On the rocky points, *Plantago maritima* was found abundant.

The plants of the following list were mostly collected during the month of August, at Notre Dame du Lac. A few are from Grand Falls, N. B., where a stay of a few days was made.

Dr. N. L. Britton has kindly annotated the list, and many thanks are due him for his assistance and for suggestions in regard to nomenclature.

CATALOGUE.

RANUNCULACEÆ.

Thalictrum polygamum, Muhl. Notre Dame du Lac.
Anemone multifida, Poir. Grand Falls.
Anemone dichotoma, L. Notre Dame du Lac.
Anemone Virginiana, L. Same locality.
Ranunculus aquatilis, L., var. *trichophyllus*, Chaix. Same locality.
Ranunculus acris, L. Same locality.
Ranunculus Pennsylvanicus, L. Same locality.
Actæa spicata, L. var. *rubra*, Michx. Same locality.

SARRACENIACEÆ.

Sarracenia purpurea, L. Notre Dame du Lac.

CRUCIFERÆ.

Raphanus sativus, L. Cacouna.
Cakile Americana, Nutt. Same locality.

VIOLARIÆ.

Viola blanda, Willd. Notre Dame du Lac.

CARYOPHYLLEÆ.

Silene inflata, Smith. Notre Dame du Lac.
Cerastium viscosum, L. Same locality.
Stellaria media, (L.) Smith. Same locality.

Arenaria peploides, L. Cacouna.
Spergula arvensis, L. Notre Dame du Lac.

HYPERICINEÆ.

Hypericum mutilum, K. Notre Dame du Lac.
Hypericum Virginicum, L. (*Elodes Virginica,* Nutt). Same locality.

MALVACEÆ.

Malva moschata, L. Notre Dame du Lac.

GERANIACEÆ.

Oxalis Acetosella, L. Grand Falls.
Impatiens biflora, Walter, 1788 (*I. fulva,* Nutt., 1818). Notre Dame du Lac.

ILICINEÆ.

Nemopanthes Canadensis (Michx.) DC. Notre Dame du Lac.

SAPINDACEÆ.

Acer rubrum, L. Notre Dame du Lac.
Acer saccharinum, Wang. Same locality.
Acer spicatum, Lam. Same locality.

ANACARDIACEÆ.

Rhus typhina, L. Notre Dame du Lac.

LEGUMINOSÆ.

Trifolium agrarium, L. Notre Dame du Lac.
Trifolium pratense, L. Same locality. Also a white-flowered form.
Trifolium repens, L. Same locality.
Astragalus alpinus, L. Grand Falls.
Vicia Cracca, L. Notre Dame du Lac.
Lathyrus maritimus, (L.) Bigelow. Cacouna.

ROSACEÆ.

Prunus Pennsylvanica, L. Notre Dame du Lac.
Spiræa salicifolia, L. Same locality.
Rubus strigosus, Michx. Grand Falls.
Rubus triflorus, Richards. Notre Dame du Lac.
Geum strictum, Ait. Same locality.
Fragaria vesca, L. Grand Falls.
Fragaria Virginiana, Duschene. Notre Dame du Lac.
Potentilla Anserina, L. Termiscouata Lake.
Potentilla fruticosa, L. Notre Dame du Lac.

Potentilla Norvegica, L. Same locality.
Potentilla palustris, (L.) Scop. Same locality.
Agrimonia Eupatoria, L. Same locality.
Poterium Canadense, L. Cacouna.
Rosa blanda, Ait. Notre Dame du Lac.
Pyrus sambucifolia, Cham. and Sch. Same locality.

SAXIFRAGEÆ.

Mitella nuda, L. Grand Falls.
Parnassia Caroliniana, Michx. Notre Dame du Lac.
Ribes lacustre, Poir. Grand Falls.

DROSERACEÆ.

Drosera rotundifolia, L. Notre Dame du Lac.

HALORAGEÆ.

Hippuris vulgaris, L. Dubé's Lake, Termiscouata.

ONAGRARIÆ.

Epilobium spicatum, Lam. Notre Dame du Lac.
Œnothera biennis, L. Cacouna.
Circæa alpina, L. Notre Dame du Lac.

UMBELLIFERÆ.

Sanicula Marylandica, L. Notre Dame du Lac.
Conioselinum bipinnatum, (Walter) Britton.* Same locality.

ARALIACEÆ.

Aralia hispida, Vent. Notre Dame du Lac.
Aralia nudicaulis, Grand Falls.
Aralia racemosa, L. Same locality.

CORNACEÆ.

Cornus Canadensis, L. Grand Falls.
Cornus stolonifera, Michx. Same locality.

CAPRIFOLIACEÆ

Sambucus racemosa, L. Notre Dame du Lac.
Viburnum lantanoides, Michx.† Same locality.
Viburnum Opulus, L Same locality.

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* CONIOSELINUM BIPINNATUM (Walter, Flor. Car., p. 115, under *Apium*, 1788; *Selinum Canadense*, Michx., 1803). I am following Coulter and Rose in keeping up the genus *Conioselinum*.—N. L. B.

† If the *V. alnifolia* of Marshall is this plant, the name has priority; it is referred to *V. lantanoides* by Dr. Gray, in Syn. Flor., while DeCandolle, Prodr., iv., p. 328, refers it to *V. molle*, Michx.—N. L. B.

Linnæa borealis, L. Same locality.

Diervilla trifida, Mœnch. Same locality; also at Grand Falls, the latter a form with leaf-margins abundantly ciliate.

RUBIACEÆ.

Galium trifidum, L., var. *pusillum*, Gray. Notre Dame du Lac.

Galium triflorum, Michx. Grand Falls.

COMPOSITÆ.

Eupatorium ageratoides, L. Notre Dame du Lac.

Eupatorium purpureum, L.

Solidago bicolor, L. var. *concolor*, Torr. and Gray. Same locality.

Solidago macrophylla, Pursh. Same locality.

Solidago neglecta, Torr. and Gray. Grand Falls.

Solidago serotina, Ait. Notre Dame du Lac.

Erigeron annuus, Pers. Same locality.

Erigeron Canadensis, L. Same locality.

Erigeron hyssopifolius, Michx. Grand Falls.

Erigeron strigosus, Muhl. Notre Dame du Lac.

Aster diffusus, Ait. Same locality.

Aster macrophyllus, L. Same locality.

Aster puniceus, L. Same locality.

Aster umbellatus, Mill. Same locality.

Anaphalis margaritacea, (L.) Benth. and Hook. Same locality.

Achillæa Millefolium, L. Same locality.

Chrysanthemum Leucanthemum, L. Same locality.

Artemisia caudata, L. Grand Falls.

Artemisia vulgaris, L. Notre Dame du Lac.

Senecio aureus, L., var. *Balsamitæ*, T. and G. Grand Falls.

Cnicus arvensis, (L.) Hoffm. Notre Dame du Lac.

Arctium Lappa, L. Same locality.

Hieracium Canadense, Michx. Same locality.

Hieracium scabrum, Michx. Same locality.

Prenanthes altissima, L. Same locality.

Prenanthes serpentaria, Pursh. Grand Falls.

Lactuca leucophæa, (Willd.) Gray. Notre Dame du Lac.

Sonchus arvensis, L. Cacouna.

CAMPANULACEÆ.

Lobelia Kalmii, L. Notre Dame du Lac.

Campanula rotundifolia, L. Grand Falls.

VACCINIACEÆ.

Vaccinium Canadense, Kalm. Notre Dame du Lac.
Vaccinium Pennsylvanicum, Lam. Same locality.

ERICACEÆ.

Cassandra calyculata, (L.) Don. Notre Dame du Lac.
Andromeda Polifolia, L. Same locality.
Kalmia angustifolia, L. Same locality.
Ledum latifolium, Ait. Same locality.
Chimaphila umbellata, (L.) Nutt.

MONOTROPEÆ.

Monotropa uniflora, L. Notre Dame du Lac.

OLEACEÆ.

Fraxinus viridis, Michx. A form with pubescent branchlets.

GENTIANEÆ.

Halenia deflexa, (Smith) Griseb. Notre Dame du Lac.

BORAGINEÆ.

Mertensia maritima, (L.) Gray. Cacouna.
Myosotis laxa, Lehm. Notre Dame du Lac.

SCROPHULARINEÆ.

Linaria vulgaris, Mill. Notre Dame du Lac.
Chelone glabra, L. Same locality.
Veronica Americana, Schwein. Same locality.
Castilleia pallida, Kunth. Grand Falls.
Euphrasia officinalis, L. Notre Dame du Lac.
Rhinanthus Crista-Galli, L. Same locality.

LENTIBULARIEÆ.

Utricularia vulgaris, L. Dubé's Lake, Termiscouata.
Utricularia intermedia, Hayne. Same locality.

LABIATÆ.

Mentha Canadensis, L., var. *glabrata*, Benth. Notre Dame.
Nepeta Cataria, L. Same locality.
Brunella vulgaris, L. Grand Falls, and Notre Dame du Lac.
Scutellaria galericulata, L. Notre Dame du Lac.
Scutellaria lateriflora, L. Same locality.
Stachys palustris, L. Same locality.
Galeopsis Tetrahit, L. Same locality.

PLANTAGINEÆ.

Plantago maritima, L. Cacouna.

CHENOPODIACEÆ.

Atriplex patula, L., var. *hastata*, Gray, Cacouna.

POLYGONACEÆ.

Polygonum aviculare, L. Notre Dame du Lac.
Polygonum Hydropiper, L. Same locality.
Polygonum lapathifolium, Ait., var. *incanum*, Koch. Same locality.
Rumex Acetosella, L. Grand Falls.
Rumex salicifolius, Weinm. Cacouna.
Rumex Brittanicus, L. Notre Dame du Lac.

EUPHORBIACEÆ.

Euphorbia Helioscopia, L. Notre Dame du Lac.

MYRICACEÆ.

Myrica Gale, L. Notre Dame du Lac.

CUPULIFERÆ.

Betula papyracea, Ait. Grand Falls.
Alnus viridis, DC. Notre Dame du Lac.
Corylus rostrata, Ait. Grand Falls.

SALICINEÆ.

Salix discolor, Muhl. Notre Dame du Lac.
Salix humilis, Marsh. Same locality.
Salix lucida, Muhl. Same locallty.
Populus balsamifera, L. Same locality.
Populus tremuloides, Michx. Grand Falls.

ORCHIDEÆ.

Spiranthes Romanzoffiana, Cham. Notre Dame du Lac.
Habenaria hyperborea, R. Br. Same locality.
Habenaria psycodes, (L.) Gray. Same locality.

IRIDEÆ.

Iris versicolor, L. Notre Dame du Lac.

LILIACEÆ.

Streptopus amplexicaulis, (L.) DC. Notre Dame du Lac.
Streptopus roseus, Michx. Same locality.

Smilacina trifolia, (L.) Desf. Same locality.

Maianthemum Canadense, Desf. Same locality.

Tofieldia glutinosa, Willd. A form with pedicels four to six lines long in fruit. Grand Falls.

Clintonia borealis, (Ker.) Raf. Notre Dame du Lac.

JUNCACEÆ.

Juncus effusus, L. Notre Dame du Lac.

Juncus filiformis, L. Same locality.

J. Canadensis, Gay, var. *coarctatus*, Engelm. Same locality.

TYPHACEÆ.

Sparganium simplex, Huds., var. *Nuttallii*, Engelm. (?) Same locality.

ALISMACEÆ.

Sagittaria variabilis, Engelm., var. *hastata*, Engelm. Notre Dame du Lac.

NAIADACEÆ.

Potamogeton natans, L. Same locality.

Potamogeton Pennsylvanicus, Cham. (*P. Claytonii*, Tuckerm.), fide Morong.

ERIOCAULEÆ.

Eriocaulon septangulare, With. Dubé's Lake, Termiscouata.

CYPERACEÆ.

Carex rostrata, With., var. *utriculata*, Bailey. Notre Dame du Lac.

Carex hystricina, Muhl. Same locality.

Carex flava, L. Same locality.

Carex scoparia, Schk. Same locality.

GRAMINEÆ.

Spartina cynosuroides, Willd. Notre Dame du Lac.

Deyeuxia Canadensis, (Beauv.) Hook. Same locality.

Glyceria Canadensis (Michx.) Trin. Same locality.

Elymus mollis, Trin. Cacouna.

CONIFERÆ.

Thuja occidentalis, L. Grand Falls.

EQUISETACEÆ.

Equisetum sylvaticum, L. Notre Dame du Lac.

FILICES.

Asplenium Filix-fœmina, (Swartz) Bernh. Notre Dame du Lac.
Phegopteris polypodioides, Feé. Same locality.
Phegopteris Dryopteris, (L.) Feé. Same locality.
Aspidium spinulosum, Swartz. Same locality.
Cystopteris bulbifera, (Swartz) Bernh. Grand Falls.
Aspidium marginale, Swartz. Same locality.
Osmunda Claytoniana, L. Notre Dame du Lac.

OPHIOGLOSSACEÆ.

Botrychium Virginianum, Swartz. Notre Dame du Lac.

LYCOPODIACEÆ.

Lycopodium clavatum, L. Notre Dame du Lac.
Lycopodium complanatum, L. Same locality.
Lycopodium dendroideum, Michx. Same locality.

Sherardia arvensis.

So much has been said of this plant in the BULLETIN, that I am moved to call attention to some facts in its life-history that merit attention. I suppose in the work of most botanists' lives, there is a large amount of "unfinished business," which we hope to take up and consider, but which, as years roll over us, we feel may never be reached. Long ago I had hoped to take up a further study of *Sherardia*. As the time may never come, I throw out what I have noted for others to build on if they feel so disposed.

I have looked for dimorphism, common in allied genera, and at one time thought I had detected it. But the pistil grows after the stamens have reached their final length. This explains why the pistil seems sometimes equal and sometimes longer than the stamens.

The stamens have a curious fashion of recurving at the angles of the corolla-tubes the day after the anthers mature, but they assume an erect position the following day.

The seeds are very small, but the cotyledons or seed-leaves are remarkably large. I have sometimes seen them half an inch in diameter. In poor soil they are a quarter of an inch. The succeeding nodes have leaves four in a whorl, and these four are also large, orbicular and abruptly pointed.